

DECLARATION and POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Low Temperature Alkali Metal Electrolysis

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as U.S. Application No. _____ or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Application No.

Country

Filing Date

Priority Claimed (Yes/No)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below.

U.S. Provisional Application No.

U.S. Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application No.

Filing Date

Status (patented, pending or abandoned)

POWER OF ATTORNEY: I hereby appoint the following attorney(s) and/or agent(s) the power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:Name: LUCAS K. SHAY
NANCY S. MAYER
KATHRYN M. SANCHEZRegistration No.: 34,724
29,190
43,081Send correspondence and direct
telephone calls to:

LUCAS K. SHAY

E. I. du Pont de Nemours and Company
Legal - Patents
Wilmington, DE 19898, U.S.A.Tel. No.
(302) 992-6154

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR(S)

Full Name of Inventor	Last Name THOMPSON	First Name JEFFERY	Middle Name S.
	Signature (please sign full name): <i>Jeffery S. Thompson</i>		Date: <i>March 20, 2000</i>
Residence & Citizenship	City WILMINGTON	State or Foreign Country DELAWARE	Country of Citizenship U.S.A.
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			Zip Code 19803
Full Name of Inventor	Last Name BLANK	First Name HOWARD	Middle Name M.
	Signature (please sign full name): <i>Howard M. Blank</i>		Date: <i>March 20, 2000</i>
Residence & Citizenship	City WILMINGTON	State or Foreign Country DELAWARE	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 2701 MARKLYN DRIVE	City WILMINGTON	State or Country DELAWARE
			Zip Code 19810
Full Name of Inventor	Last Name SIMMONS	First Name WALTER	Middle Name JOHN
	Signature (please sign full name): <i>Walter John Simmons</i>		Date: <i>MARCH 24, 2000</i>
Residence & Citizenship	City MARTINSBURG	State or Foreign Country WEST VIRGINIA	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 451 SCRABBLE ROAD	City MARTINSBURG	State or Country WEST VIRGINIA
			Zip Code 25401

■ Additional Inventors are being named on separately numbered sheets attached hereto.

Full Name of Inventor	Last Name BERGMANN	First Name OSWALD	Middle Name ROBERT
	Signature (please sign full name): <i>Oswald Robert Bergmann</i>		Date: <i>March 29, 2000</i>
Residence & Citizenship	City WILMINGTON	State or Foreign Country DELAWARE	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 715 BURNLEY ROAD	City WILMINGTON	State or Country DELAWARE
			Zip Code 19803

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UNITED STATES DEPARTMENT OF COMMERCE
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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 02, 2000 LUCAS K. SHAY

PTAS
E. I. DU PONT DE NEMOURS AND COMPANY
LUCAS K. SHAY
1007 MARKET STREET
WILMINGTON, DE 19898



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CORRECTED

CH-2750 NOTICE

RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT NOV 14 2000

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/26/2000

REEL/FRAME: 010938/0938
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
THOMPSON, JEFFREY S.

DOC DATE: 03/20/2000

ASSIGNOR:
BLANK, HOWARD M.

DOC DATE: 03/20/2000

ASSIGNOR:
SIMMONS, WALTER JOHN

DOC DATE: 03/24/2000

ASSIGNOR:
BERGMANN, OSWALD ROBERT

DOC DATE: 03/20/2000

ASSIGNEE:
E. I. DU PONT DE NEMOURS AND
COMPANY
1007 MARKET ST.
LEGAL PATENTS
WILMINGTON, DELAWARE 19898

010938/0938 PAGE 2

SERIAL NUMBER: 09536424
PATENT NUMBER:

FILING DATE: 03/28/2000
ISSUE DATE:

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

SHEET

6-26-00

To the Honorable Commission

101416867

ie attached original documents or copy thereof

1. Submission Type:

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID# _____

☐ Correction of PTO Error

Reel # _____ Frame # _____

☐ Corrective Document

Reel # _____ Frame # _____

Data Element in Question : _____

2. Conveyance Type:

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other _____

US. GOVERNMENT

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Total No. of pages of conveyance document including attachments _____

4. Name of conveying party(ies):

¹Thompson, Jeffery S.
²Blank, Howard M.
³Simmons, Walter John
⁴Bergmann, Oswald Robert

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Execution Date: ¹03/20/2000 ²03/20/2000
³03/24/2000 ⁴03/20/2000

5. Name and address of receiving party(ies):

E. I. DU PONT DE NEMOURS AND COMPANY
LEGAL PATENTS
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

Additional name(s) & address(es) attached? ☐ Yes ☒ No

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): **09/536,424**Docket No.: **CH-2750**

B. Patent No.(s): _____

Additional numbers attached: ☐ Yes ☒ No

6. Correspondent Name & Address:

LUCAS K. SHAY
E. I. DU PONT DE NEMOURS AND COMPANY
LEGAL-PATENTS
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed (Check No.: _____)
☒ Authorized to be charged to deposit account

9. Deposit account number: 04-1928

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

CAROL REEDER

SENIOR LEGAL CLERK

07/27/2000 DNGUYEN 00000010 041928 09536424

01 FC:581

40.00 CH

Signature

Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

I, the undersigned
Jeffery S. Thompson, Howard M. Blank, Walter John Simmons, and Oswald Robert Bergmann

Hereby declare that

We are the true and first inventor of an invention relating to

Low Temperature Alkali Metal Electrolysis

which is disclosed in an application for Letters Patent in the United States of America, executed the day of _____, 2000 (Case No. **CH-2750**); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of my pre-existing obligation of assignment, I hereby sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, and the entire right, title and interest in and to any and all my inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or mine, including the sole right to file such applications under the aforesaid International Convention or other treaty or understanding, together with the sole right to have said patents granted in its name or mine and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries. I further authorize my attorney/patent agent to insert below* the application number and filing date of the aforesaid United States application now identified as Case No. **CH-2750** after the same shall have been made known to him/her by the United States Patent Office.

Jeffery S. Thompson (L.S.)
Jeffery S. Thompson

DATE: March 20, 2000

Walter John Simmons (L.S.)
Walter John Simmons

DATE: MARCH 24, 2000

Howard M. Blank (L.S.)
Howard M. Blank

DATE: March 20, 2000

Oswald Robert Bergmann (L.S.)
Oswald Robert Bergmann

DATE: March 20, 2000

*The application referred to above as Case No. **CH-2750** was filed in the United States Patent Office on March 28, 2000, and was given Application No. 09/536,424.
This insertion made by me this 14th day of June, 2000.

Lucas K. Shay
Lucas K. Shay
Attorney for Applicants